

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071322\
 Data File : BN020726.D
 Acq On : 13 Jul 2022 12:39
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4392

Quant Time: Jul 14 03:11:11 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 02 00:47:40 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

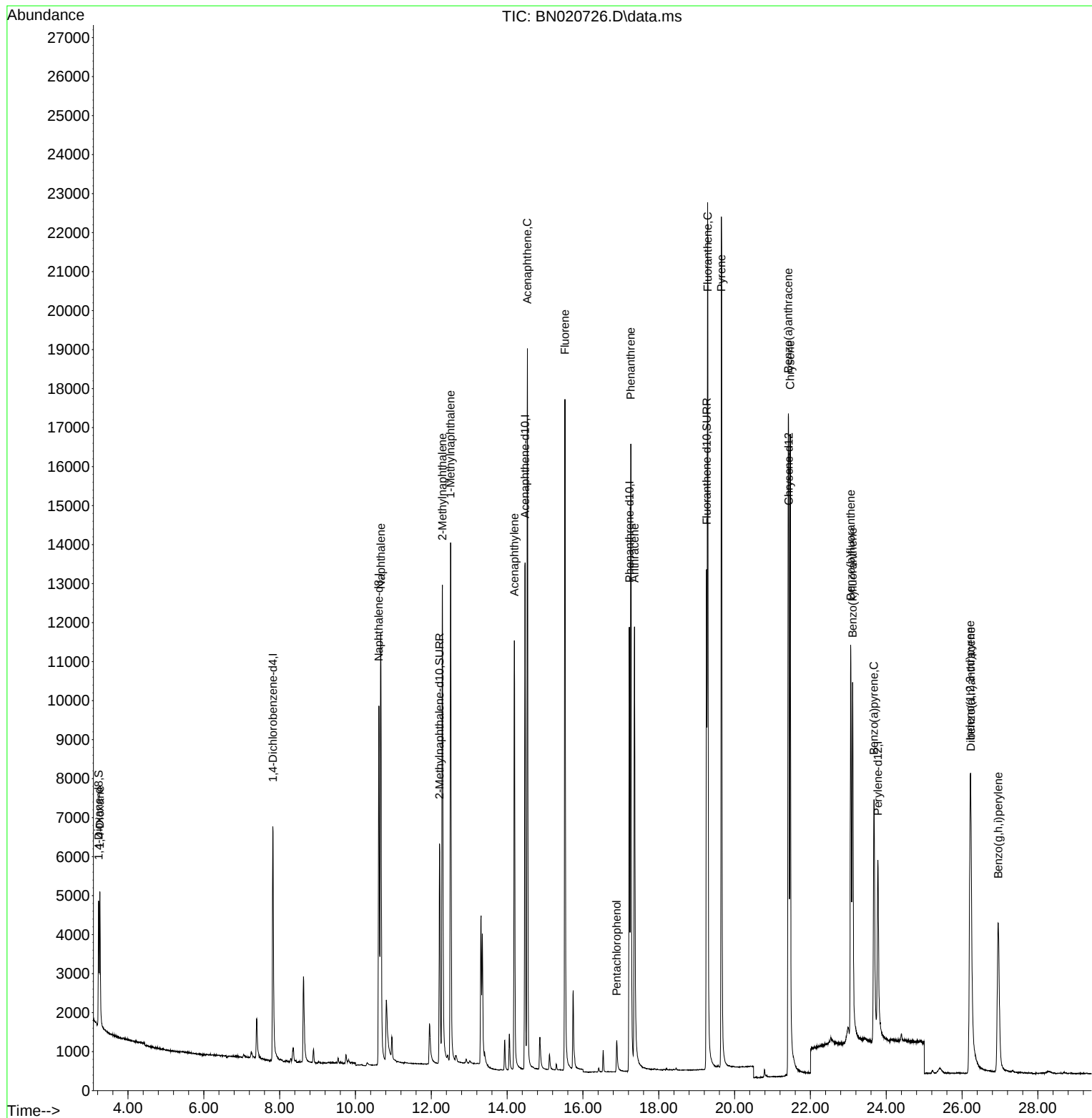
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.821	152	3967	0.400	ng/ul	0.00
4) Naphthalene-d8	10.617	136	13722	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.474	164	7652	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.226	188	14297	0.400	ng/ul	0.00
17) Chrysene-d12	21.432	240	10125	0.400	ng/ul	-0.01
23) Perylene-d12	23.779	264	7460	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.227	96	2093	0.455	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.218	152	8482	0.377	ng/ul	-0.01
18) Fluoranthene-d10	19.262	212	15294	0.458	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.260	88	2124	0.453	ng/ul	95
5) Naphthalene	10.667	128	17200	0.406	ng/ul	99
7) 2-Methylnaphthalene	12.295	142	10427	0.368	ng/ul	98
8) 1-Methylnaphthalene	12.509	142	10328	0.384	ng/ul	100
10) Acenaphthylene	14.192	152	14379	0.397	ng/ul	99
11) Acenaphthene	14.534	153	11467	0.395	ng/ul	99
12) Fluorene	15.524	166	12351	0.359	ng/ul	99
14) Pentachlorophenol	16.892	266	770	0.267	ng/ul	98
15) Phenanthrene	17.264	178	19394	0.390	ng/ul	100
16) Anthracene	17.361	178	15744	0.367	ng/ul	99
19) Fluoranthene	19.290	202	20796	0.450	ng/ul	100
20) Pyrene	19.653	202	20873	0.435	ng/ul	97
21) Benzo(a)anthracene	21.417	228	13971	0.384	ng/ul	99
22) Chrysene	21.467	228	15916	0.393	ng/ul	100
24) Benzo(b)fluoranthene	23.063	252	13983	0.405	ng/ul	99
25) Benzo(k)fluoranthene	23.112	252	14537	0.417	ng/ul	100
26) Benzo(a)pyrene	23.677	252	12266	0.391	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.215	276	12620	0.404	ng/ul	97
28) Dibenzo(a,h)anthracene	26.232	278	9967	0.395	ng/ul	98
29) Benzo(g,h,i)perylene	26.956	276	9992	0.373	ng/ul	99

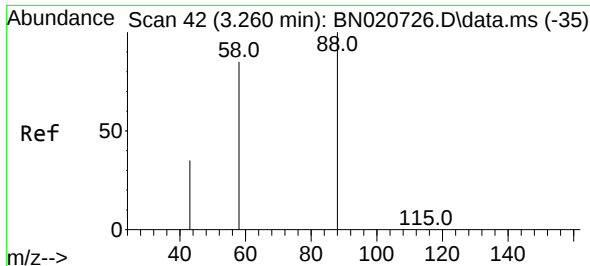
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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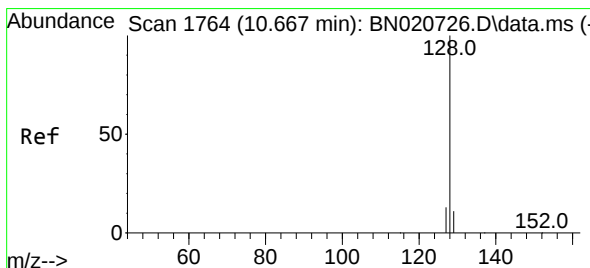
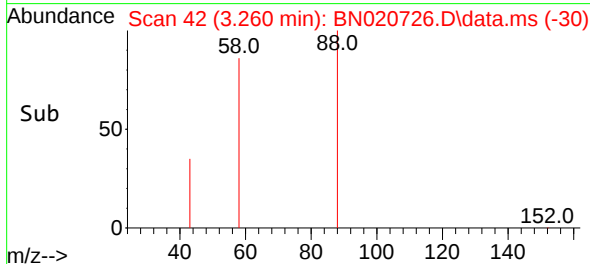
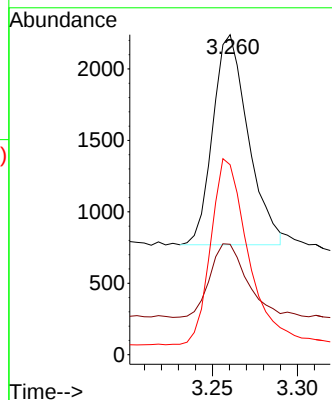
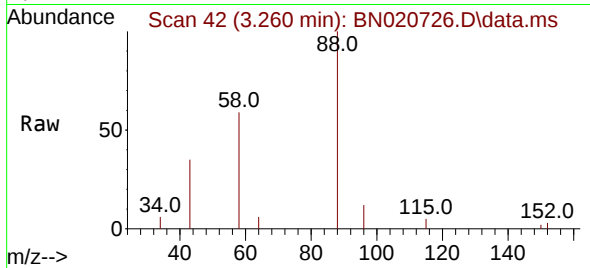




#2
1,4-Dioxane
Concen: 0.453 ng/ul
RT: 3.260 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN020726.D
Acq: 13 Jul 2022 12:39

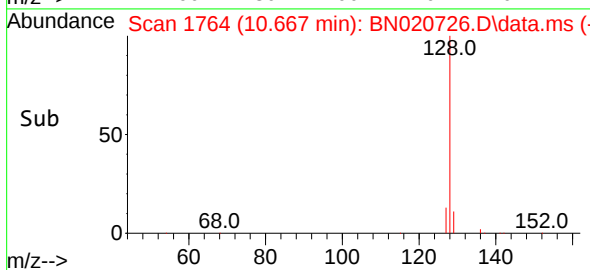
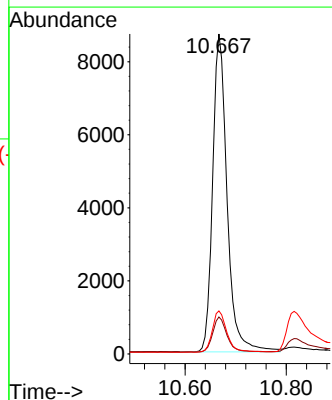
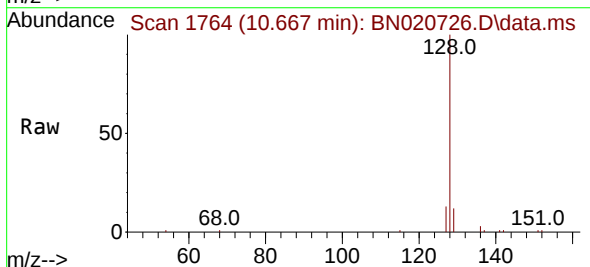
Instrument :
BNA_N
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SSTD0.4392

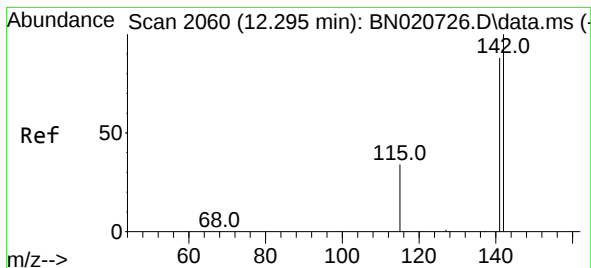
Tgt Ion: 88 Resp: 2124
Ion Ratio Lower Upper
88 100
43 34.5 32.5 48.7
58 59.3 46.2 69.2



#5
Naphthalene
Concen: 0.406 ng/ul
RT: 10.667 min Scan# 1764
Delta R.T. -0.011 min
Lab File: BN020726.D
Acq: 13 Jul 2022 12:39

Tgt Ion: 128 Resp: 17200
Ion Ratio Lower Upper
128 100
129 11.6 9.5 14.3
127 13.5 11.3 16.9

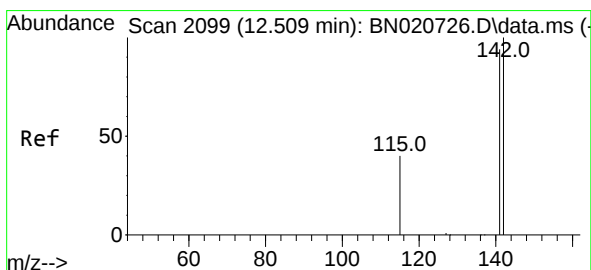
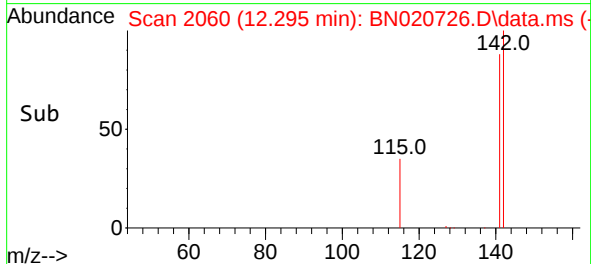
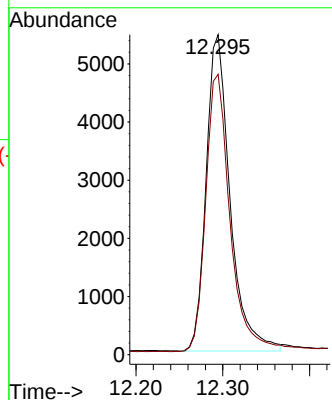
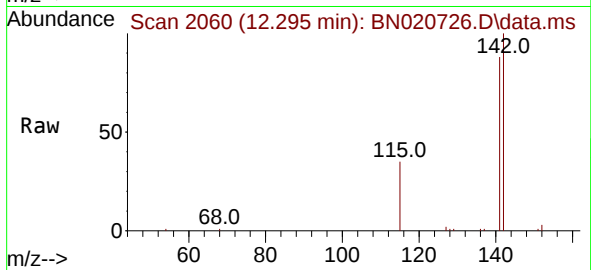




#7
2-Methylnaphthalene
Concen: 0.368 ng/ul
RT: 12.295 min Scan# 2060
Delta R.T. -0.006 min
Lab File: BN020726.D
Acq: 13 Jul 2022 12:39

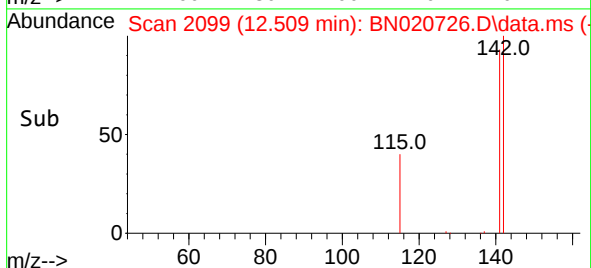
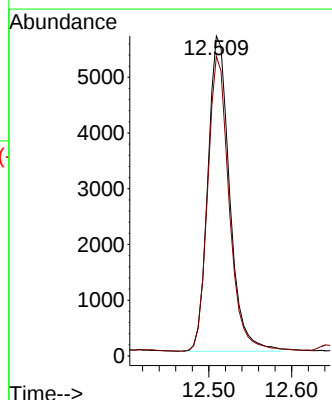
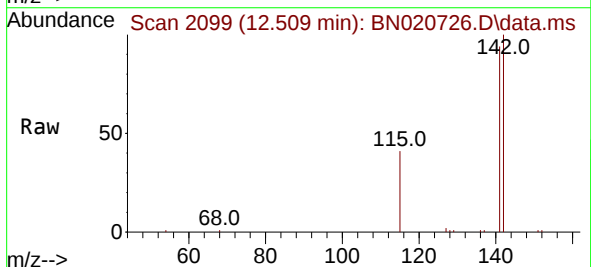
Instrument :
BNA_N
ClientSampleId :
SSTD0.4392

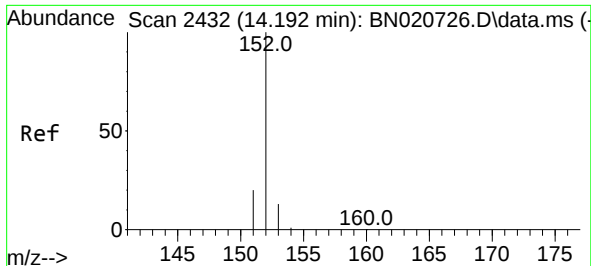
Tgt Ion:142 Resp: 10427
Ion Ratio Lower Upper
142 100
141 88.6 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.384 ng/ul
RT: 12.509 min Scan# 2099
Delta R.T. -0.011 min
Lab File: BN020726.D
Acq: 13 Jul 2022 12:39

Tgt Ion:142 Resp: 10328
Ion Ratio Lower Upper
142 100
141 92.4 73.7 110.5

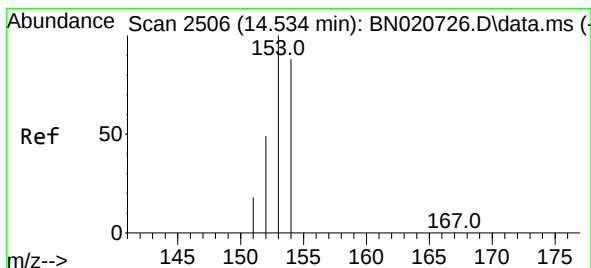
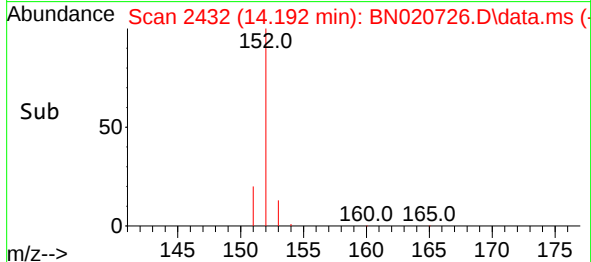
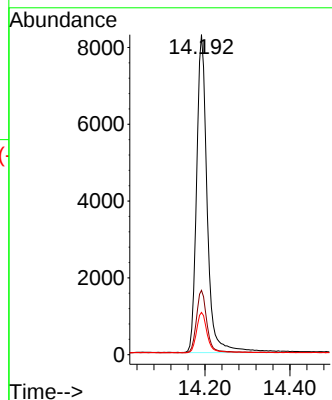
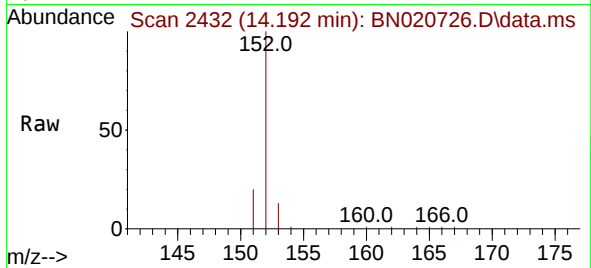




#10
Acenaphthylene
Concen: 0.397 ng/ul
RT: 14.192 min Scan# 2432
Delta R.T. -0.009 min
Lab File: BN020726.D
Acq: 13 Jul 2022 12:39

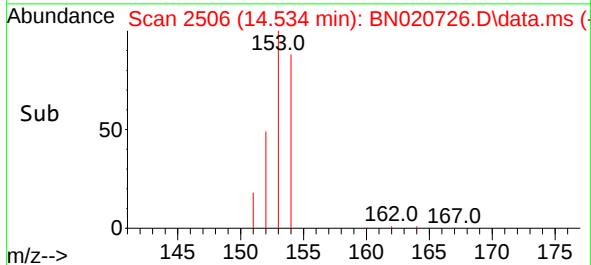
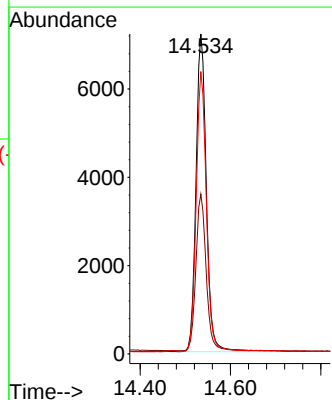
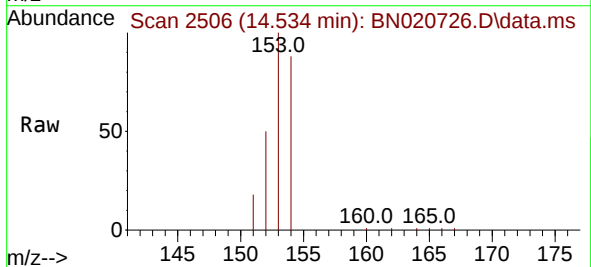
Instrument :
BNA_N
ClientSampleId :
SSTD0.4392

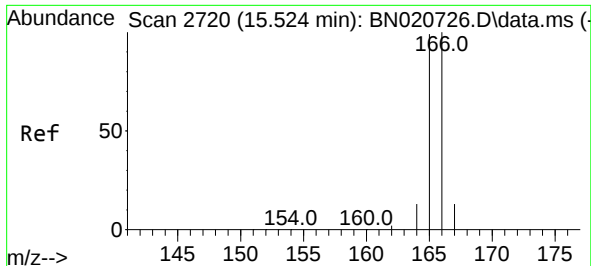
Tgt Ion:152 Resp: 14379
Ion Ratio Lower Upper
152 100
151 20.1 16.5 24.7
153 13.2 11.1 16.7



#11
Acenaphthene
Concen: 0.395 ng/ul
RT: 14.534 min Scan# 2506
Delta R.T. -0.009 min
Lab File: BN020726.D
Acq: 13 Jul 2022 12:39

Tgt Ion:153 Resp: 11467
Ion Ratio Lower Upper
153 100
152 50.0 40.0 60.0
154 88.3 70.0 105.0

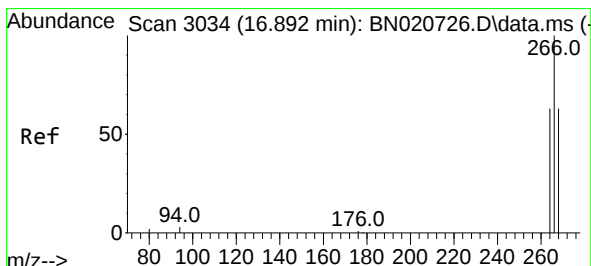
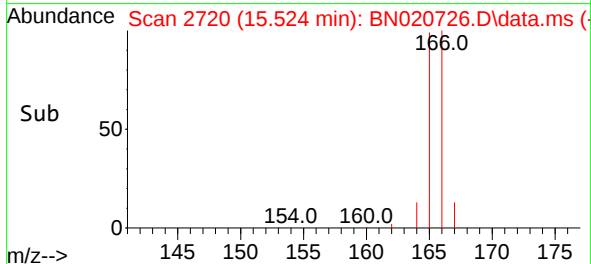
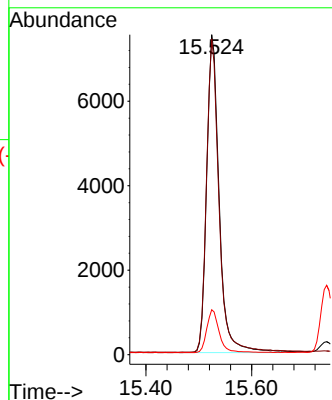
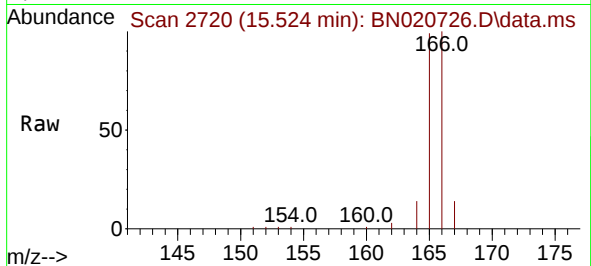




#12
Fluorene
Concen: 0.359 ng/ul
RT: 15.524 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN020726.D
Acq: 13 Jul 2022 12:39

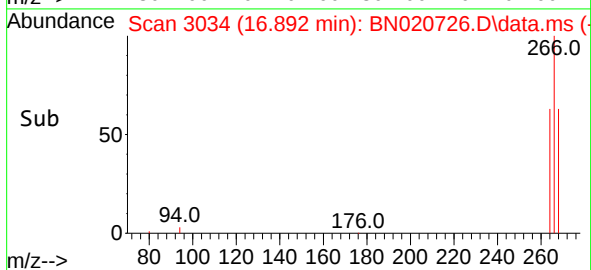
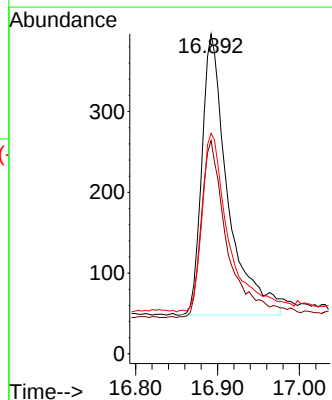
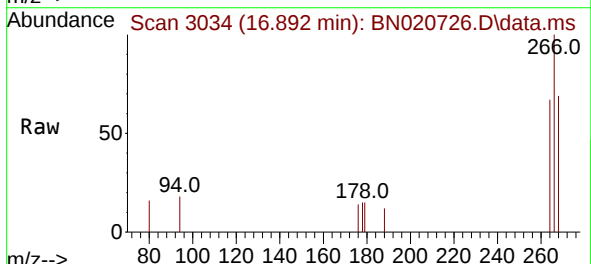
Instrument :
BNA_N
ClientSampleId :
SSTD0.4392

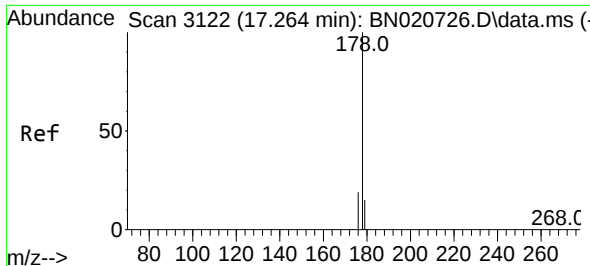
Tgt Ion:166 Resp: 12351
Ion Ratio Lower Upper
166 100
165 98.7 78.2 117.2
167 14.0 11.3 16.9



#14
Pentachlorophenol
Concen: 0.267 ng/ul
RT: 16.892 min Scan# 3034
Delta R.T. -0.013 min
Lab File: BN020726.D
Acq: 13 Jul 2022 12:39

Tgt Ion:266 Resp: 770
Ion Ratio Lower Upper
266 100
264 62.6 51.6 77.4
268 64.9 51.5 77.3

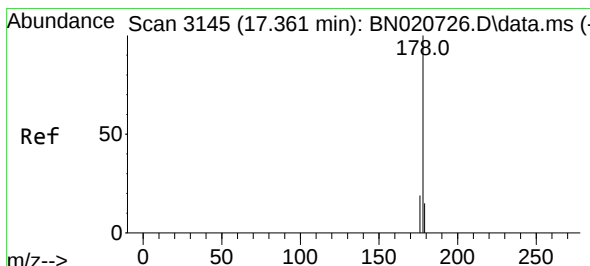
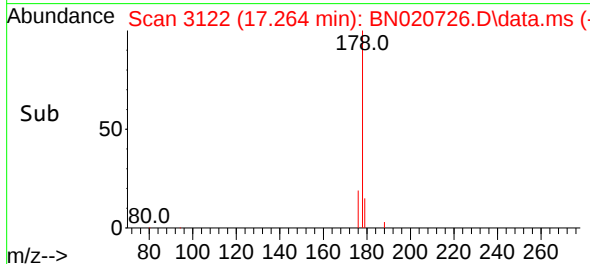
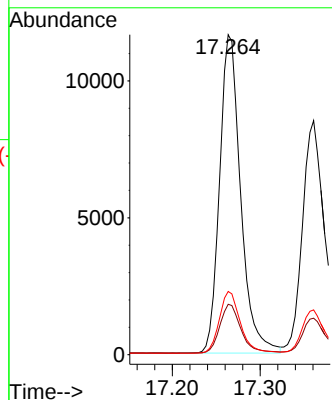
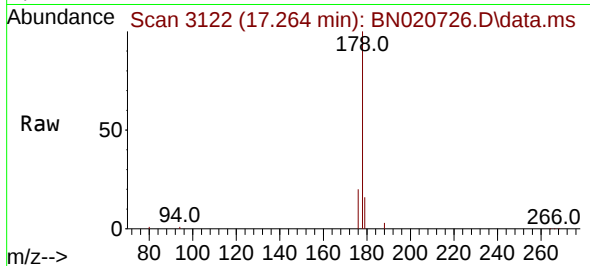




#15
Phenanthrene
Concen: 0.390 ng/ul
RT: 17.264 min Scan# 3122
Delta R.T. -0.013 min
Lab File: BN020726.D
Acq: 13 Jul 2022 12:39

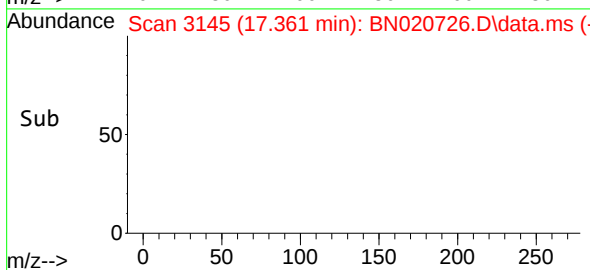
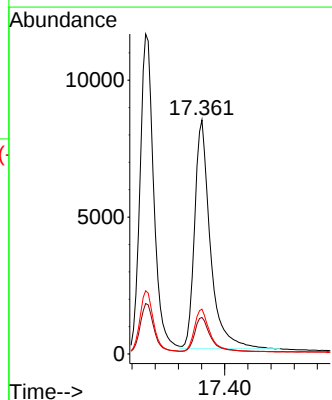
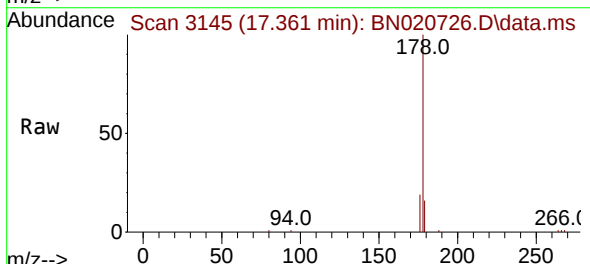
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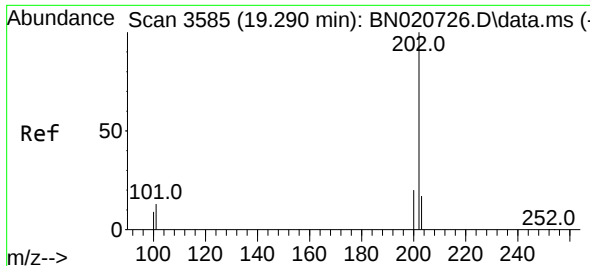
Tgt Ion:178 Resp: 19394
Ion Ratio Lower Upper
178 100
179 15.8 12.6 18.8
176 19.8 15.8 23.6



#16
Anthracene
Concen: 0.367 ng/ul
RT: 17.361 min Scan# 3145
Delta R.T. -0.008 min
Lab File: BN020726.D
Acq: 13 Jul 2022 12:39

Tgt Ion:178 Resp: 15744
Ion Ratio Lower Upper
178 100
179 15.6 12.8 19.2
176 19.2 15.2 22.8

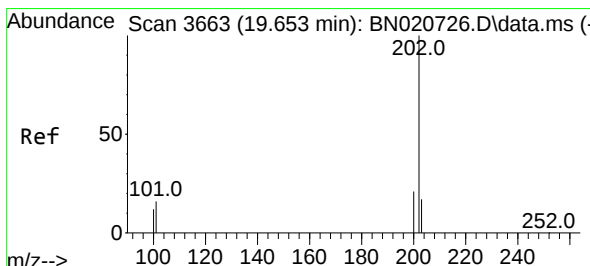
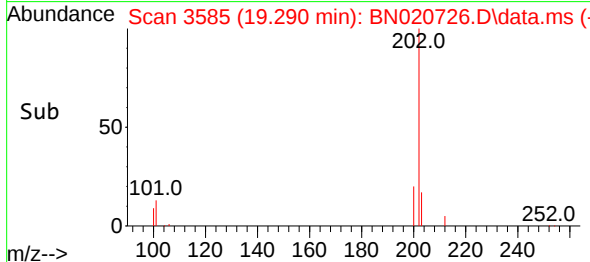
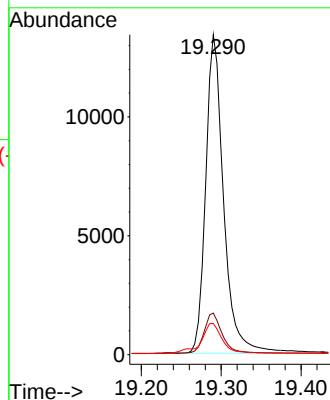
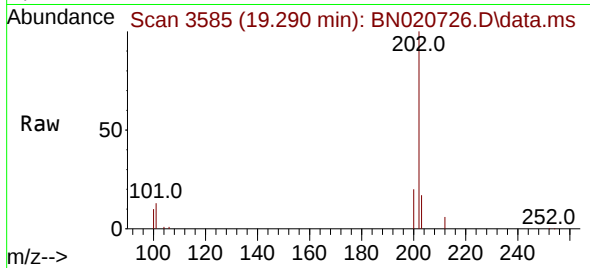




#19
Fluoranthene
Concen: 0.450 ng/ul
RT: 19.290 min Scan# 3585
Delta R.T. -0.014 min
Lab File: BN020726.D
Acq: 13 Jul 2022 12:39

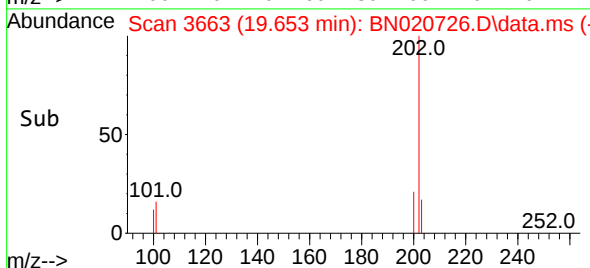
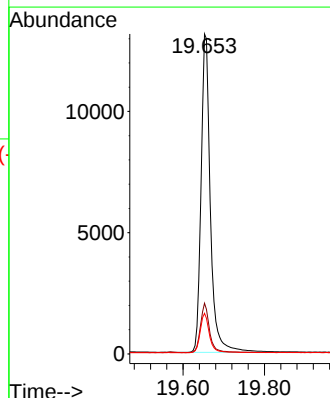
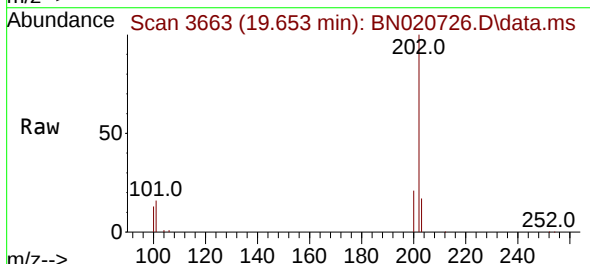
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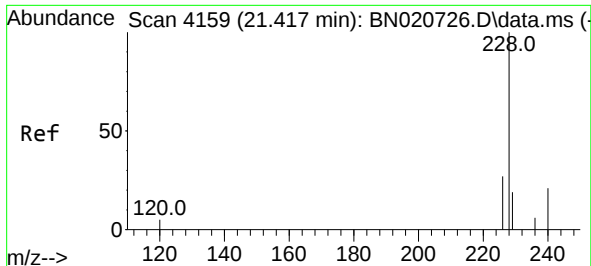
Tgt Ion:202 Resp: 20796
Ion Ratio Lower Upper
202 100
101 13.0 10.3 15.5
100 9.7 7.8 11.6



#20
Pyrene
Concen: 0.435 ng/ul
RT: 19.653 min Scan# 3663
Delta R.T. -0.014 min
Lab File: BN020726.D
Acq: 13 Jul 2022 12:39

Tgt Ion:202 Resp: 20873
Ion Ratio Lower Upper
202 100
101 15.9 11.6 17.4
100 12.7 9.2 13.8

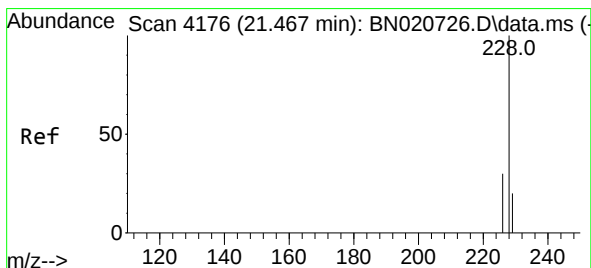
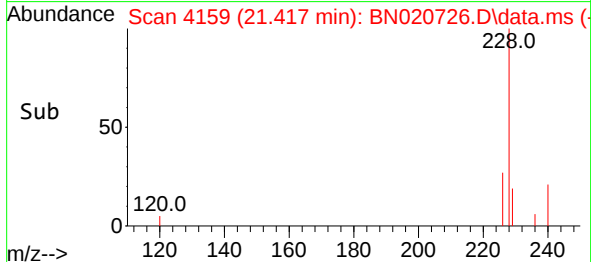
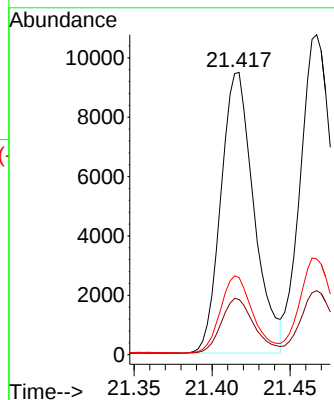
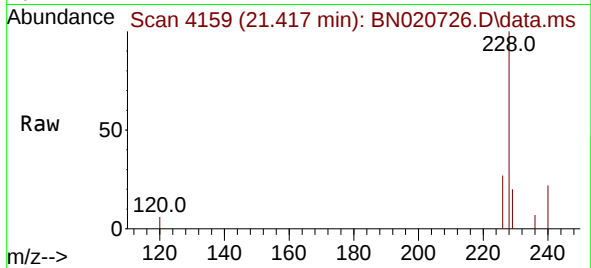




#21
Benzo(a)anthracene
Concen: 0.384 ng/ul
RT: 21.417 min Scan# 4159
Delta R.T. -0.012 min
Lab File: BN020726.D
Acq: 13 Jul 2022 12:39

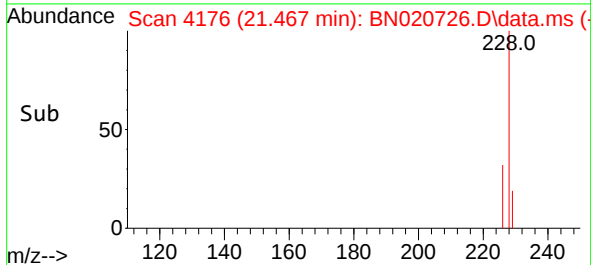
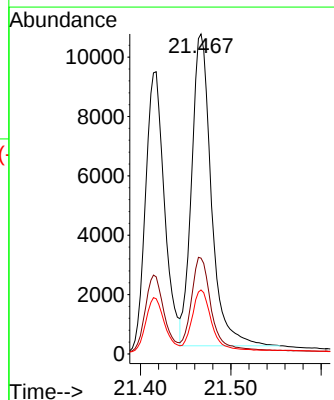
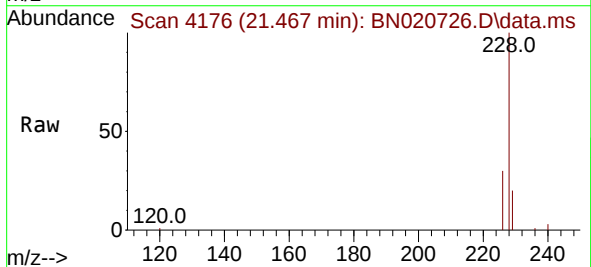
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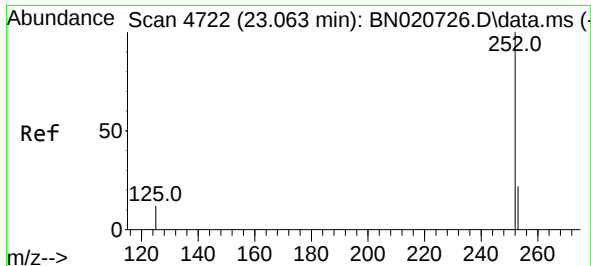
Tgt Ion:228 Resp: 13971
Ion Ratio Lower Upper
228 100
229 19.6 15.9 23.9
226 27.3 22.2 33.2



#22
Chrysene
Concen: 0.393 ng/ul
RT: 21.467 min Scan# 4176
Delta R.T. -0.012 min
Lab File: BN020726.D
Acq: 13 Jul 2022 12:39

Tgt Ion:228 Resp: 15916
Ion Ratio Lower Upper
228 100
226 30.0 23.9 35.9
229 20.0 15.8 23.8

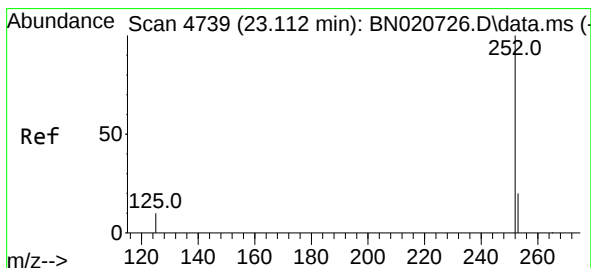
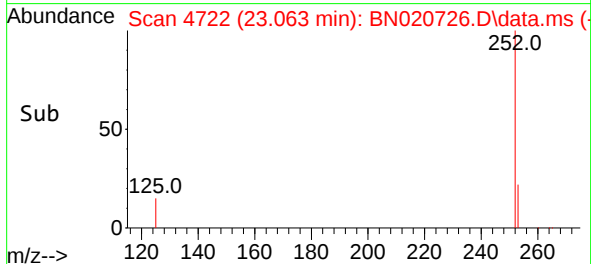
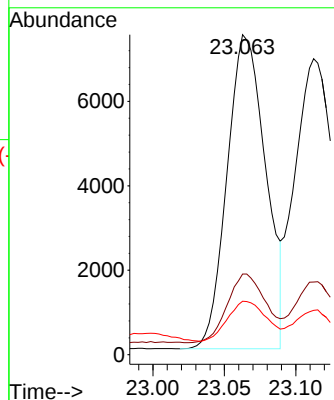
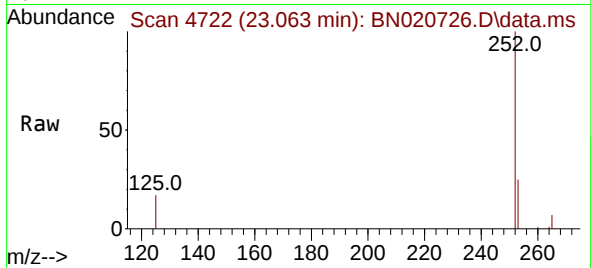




#24
Benzo(b)fluoranthene
Concen: 0.405 ng/ul
RT: 23.063 min Scan# 4722
Delta R.T. -0.020 min
Lab File: BN020726.D
Acq: 13 Jul 2022 12:39

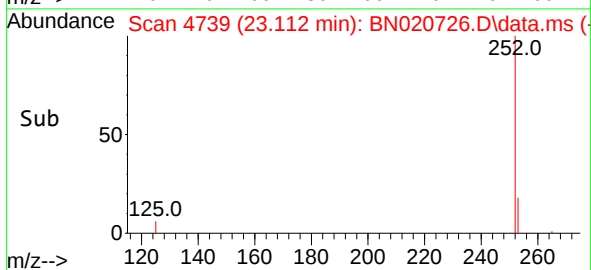
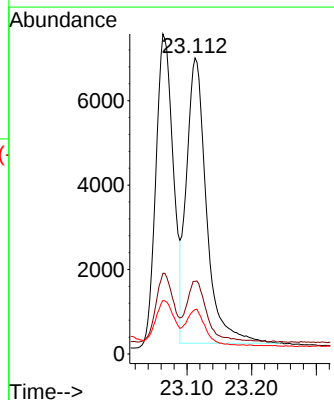
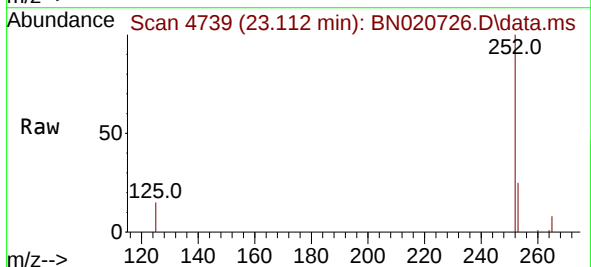
Instrument :
BNA_N
ClientSampleId :
SSTD0.4392

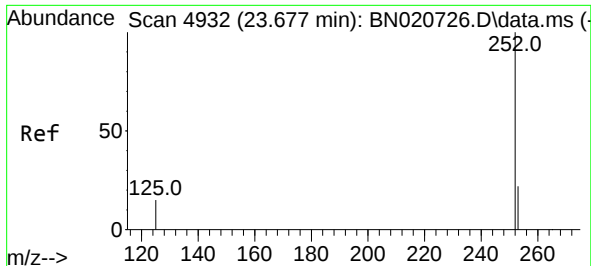
Tgt Ion:	252	Resp:	13983
Ion Ratio	Lower	Upper	
252	100		
253	25.2	0.0	48.6
125	16.7	0.0	34.0



#25
Benzo(k)fluoranthene
Concen: 0.417 ng/ul
RT: 23.112 min Scan# 4739
Delta R.T. -0.018 min
Lab File: BN020726.D
Acq: 13 Jul 2022 12:39

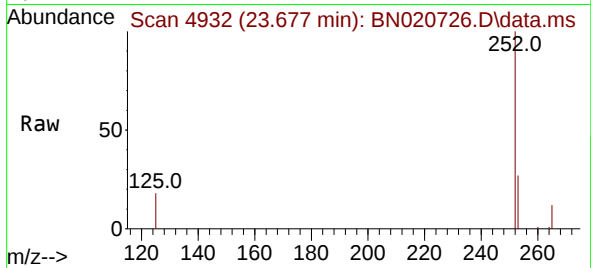
Tgt Ion:	252	Resp:	14537
Ion Ratio	Lower	Upper	
252	100		
253	24.5	19.7	29.5
125	15.0	12.0	18.0



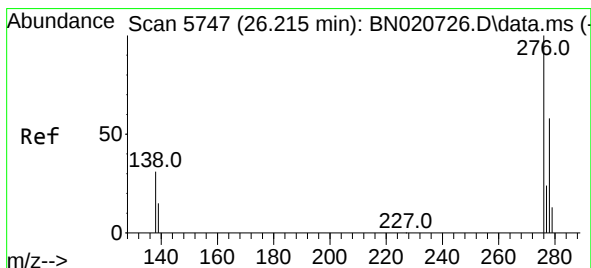
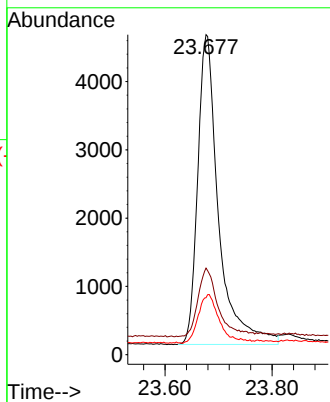
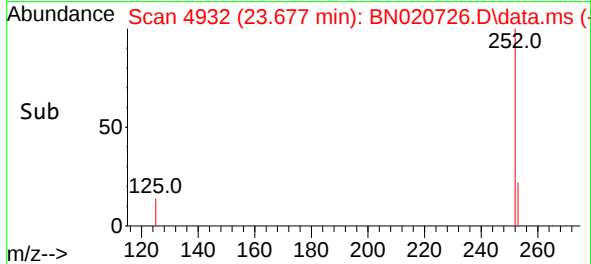


#26
Benzo(a)pyrene
Concen: 0.391 ng/ul
RT: 23.677 min Scan# 4932
Delta R.T. -0.020 min
Lab File: BN020726.D
Acq: 13 Jul 2022 12:39

Instrument :
BNA_N
ClientSampleId :
SSTD0.4392

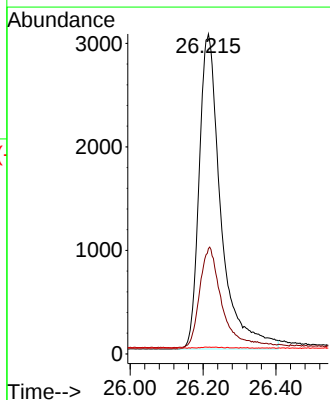
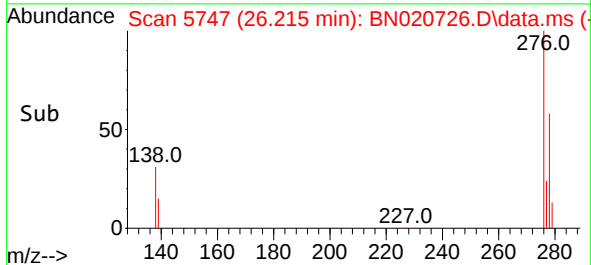
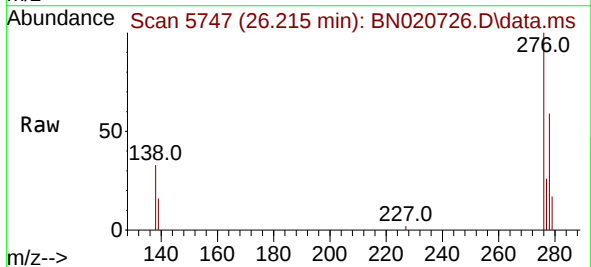


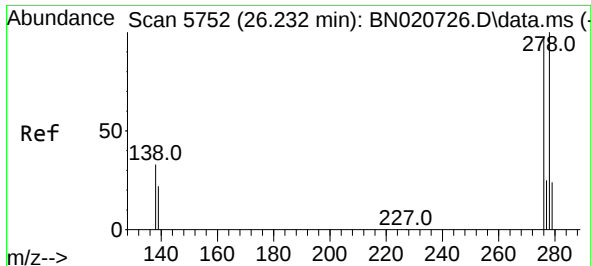
Tgt Ion:252 Resp: 12266
Ion Ratio Lower Upper
252 100
253 27.0 21.0 31.4
125 17.8 18.8 28.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.404 ng/ul
RT: 26.215 min Scan# 5747
Delta R.T. -0.030 min
Lab File: BN020726.D
Acq: 13 Jul 2022 12:39

Tgt Ion:276 Resp: 12620
Ion Ratio Lower Upper
276 100
138 32.8 27.4 41.2
227 0.2 0.2 0.2

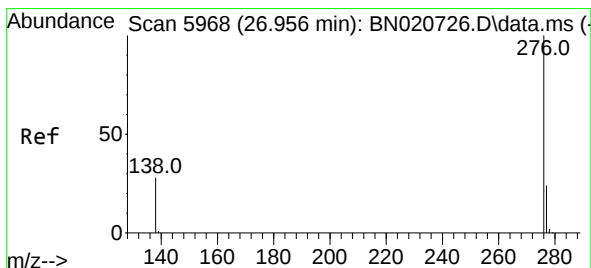
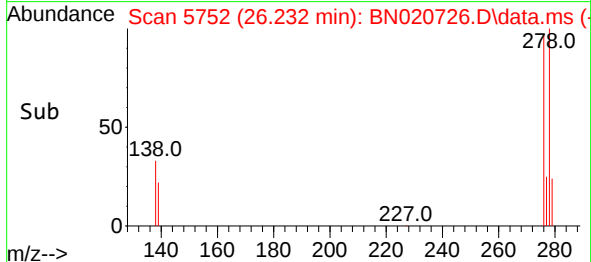
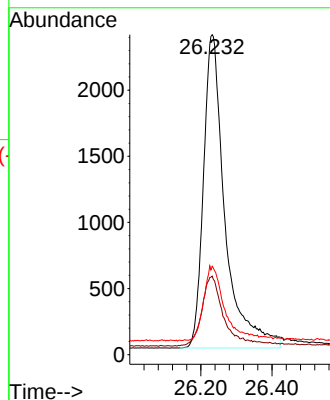
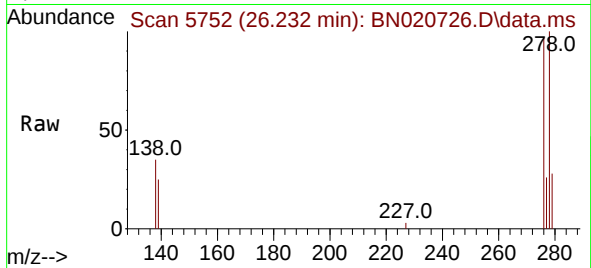




#28
Dibenzo(a,h)anthracene
Concen: 0.395 ng/ul
RT: 26.232 min Scan# 5752
Delta R.T. -0.030 min
Lab File: BN020726.D
Acq: 13 Jul 2022 12:39

Instrument :
BNA_N
ClientSampleId :
SSTD0.4392

Tgt Ion:278 Resp: 9967
Ion Ratio Lower Upper
278 100
139 24.5 18.8 28.2
279 27.6 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.373 ng/ul
RT: 26.956 min Scan# 5968
Delta R.T. -0.034 min
Lab File: BN020726.D
Acq: 13 Jul 2022 12:39

Tgt Ion:276 Resp: 9992
Ion Ratio Lower Upper
276 100
138 29.9 23.5 35.3
277 25.3 20.1 30.1

